

**EPA GLNPO – Wisconsin State Capacity Grant
April 1, 2016-March 31, 2017 (1 Year Grant)**

1. Project Title: Wisconsin Capacity Grant for Lakewide Action and Management Planning; RAP/AOC Program; and Quality Assurance and Accountability

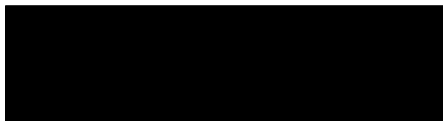
2. Total Grant Funding

1 Year Funding Period	Capacity Grant Request for WDNR
April 1, 2016-March 31, 2017	\$1,376,015

3. Applicant:

Wisconsin DNR
101 S. Webster Street
P.O. Box 7921
Madison, WI 53707-7921

4. Contact:



5. Project Abstract:

The Great Lakes Restoration Initiative (GLRI) continues to provide opportunities to advance restoration efforts in the Great Lakes by strategically targeting programs and projects to address the most serious problems that have persisted for decades. Designed in five-year workplans, the GLRI will focus funding and efforts to address priorities identified in the GLRI 5-Year Action Plan II, Lakewide Action and Management Plans, Remedial Action Plans, the Great Lakes Regional Collaboration Strategy, and States' restoration plans. EPA-Great Lakes National Program Office provides support to the State for Great Lakes program capacity in recognition of the additional opportunities and implementation of the GLRI funded projects in Wisconsin that move us closer to delisting AOCs and implementing the Great Lakes Water Quality Agreement (GLWQA). The large influx of funding for project implementation requires statewide coordination and management direction across multiple agencies, programs and our partners to ensure a collaborative approach to restoration. Wisconsin has developed the following implementation plan for the 1 year period, April 1, 2016 - March 31, 2017, working towards the five-year GLRI Action Plan II and describing the proposed work in Lake Superior and Lake Michigan, expected outcomes and deliverables, and level of program effort to continue the successful implementation of the GLRI in Wisconsin.

6. Problem Statement:

GLRI funding means an accelerated rate in implementing priority actions from the Lakewide Action and Management Plans for Lake Superior and Lake Michigan, and Remedial Action Plans for the Areas of Concern. This capacity grant helps support Wisconsin's efforts to implement the Great Lakes Water Quality Agreement for the LAMP and AOC program.

For the State to be able to plan for and meet its Cooperative Agreement obligations, a detailed program description is provided that articulates work plan activities. These activities include a continued focus on implementing Remedial Action Plan priorities in Areas of Concern (AOC) to make significant progress towards delisting Beneficial Use Impairments (BUIs). Each AOC in Wisconsin has delisting targets and strategies to guide the development of projects and activities towards the goal of removing impairments. Wisconsin is committed to working with partners to remove impairments and will use these funds for a portion of our staff resources to ensure effective project development and to track progress towards reaching these goals.

Additional elements of the work plan provide coordination across the State to promote collaboration and effective project development in Wisconsin. This ensures the best use of public funding, science-based projects, and ensures that projects focus on State and Regional priorities to achieve overall LAMP, RAP and GLRI goals.

Staff time funded through this grant will also provide oversight for the current projects funded by EPA through the non-competitive funds Wisconsin receives. Based on those commitments work activities funded by this grant will address the oversight needs as well as some of the AOC and LAMP responsibilities identified in this work plan. Not all activities identified in this one year work plan will be completed due to the limitations of existing staff.

7. Proposed Work – Great Lakes Program

This is the work effort for the period April 1, 2016 - March 31, 2017 for the continuation of the GLRI Action Plan to restore and protect the Great Lakes in Wisconsin. Key elements are the development of projects focused on AOC delisting activities, contaminated sediment clean-up projects to address toxic substances, habitat restoration and protection projects that are sustainable and resilient to habitat restoration, monitoring activities to track progress on our delisting targets and coordination with our partner groups to work effectively together to move the AOCs to delisting the BUIs.

Wisconsin's program activities will support updates for each of our 5 AOCs and the Lakewide Action and Management Plans for Lake Superior and Lake Michigan as well as the Wisconsin Great Lakes Restoration and Protection Strategy and other relevant strategic plans.

This work plan for the GLRI provides critical capacity support to the Office of the Great Lakes (OGL) that enables us to provide the direction, coordination and necessary support for LAMP and AOC activities. These positions will coordinate Great Lakes policy statewide and participate in Great Lakes Basin regional coordination, implementation of the site-specific projects with partner groups in each of the five Areas of Concern (AOC) and LAMP responsibilities for Lake Superior and Lake Michigan. These positions are critical for making progress towards implementing key elements of the Lake Superior and Lake Michigan LAMPs as well as the delisting of Wisconsin's five Areas of Concern and meeting the GLRI Action Plan. These positions also have representation on the Great Lakes Executive Committee, Great Lakes Advisory Board, Great Lakes Commission, Wisconsin Coastal Management Program, and Great

Lakes Dredging Team, GLWQA annex subcommittees and other regional Great Lakes committees and boards.

The positions supported provide statewide and regional consistency and focus on the activities related to LAMP implementation, BUI delisting, monitoring and sediment remediation efforts. Staff provide Great Lakes policy communication throughout the basin, streamline processes and provide exchange of information between Lakes Michigan and Superior as well as between our five AOCs. Work activities are coordinated with the GLNPO staff, local communities, and other Great Lakes agencies and stakeholders. Work efforts will be communicated with the Cooperative Science & Monitoring Initiative (CSMI) to support the basin wide data exchange and monitoring data collection, interpretation and use. With the staff complement herein, WDNR continues to provide improved reporting, sharing our monitoring results and work efforts on GLRI progress to the public, other resource managers, and other state and federal agencies.

Effective Great Lakes protection and restoration must include sound resource planning, project development and implementation, and address changing human behavior to promote environmental stewardship. Through the GLRI projects, we build community awareness, support and participation in Great Lakes issues. By building partnerships and collaborating on a statewide basis, WDNR facilitates, contributes to and supports project development, design and implementation of Wisconsin's GLRI projects and our shared LAMP objectives.

WDNR Overall GLRI Coordination and Implementation

Oversee implementation of Great Lakes management strategies and developing and assessing state, national and international policies for the Great Lakes watershed. Provide representation and ideas for the State of Wisconsin in multistate, national and international forums. Provide advice and participate in developing and translating interstate strategies and policies related to the GLWQA and ecosystem management in the Great Lakes basin to Wisconsin based approaches.

LAMP and AOC Policy Development

- Provide oversight and policy development for the LAMP and AOC activities for Wisconsin DNR related to the Great Lakes Restoration Initiative, the LAMPs and RAP/AOC programs. Facilitate coordination with other WDNR programs with regulatory responsibilities in the Great Lakes (e.g. TMDL development and implementation, invasive species control, habitat restoration, nonpoint control).
- Integrate the Great Lakes Water Quality Agreement into the LAMP & AOC program.
- Coordinate RAP program for Wisconsin's five AOCs. Implement the delisting strategy for the Wisconsin's AOCs towards removing BUIs and oversee consistent implementation of the AOC delisting process. Coordinate with appropriate DNR programs in the delisting process and report to administration and EPA on progress made towards delisting goals.
- Coordinate the Lakewide Action and Management Plans (LAMPs) for Lake Superior and Lake Michigan for Wisconsin. Participate in LAMP related programs such as the Annex 10 Great Lakes indicator suite assessment and reporting, State of Lake Michigan Conference, State of Lake Superior Conference, and others.
- Strengthen public awareness and participation in Great Lakes restoration programs and specific local issues and projects by overseeing the development of informational and educational materials on the AOC and LAMP program and specific local issues.
- Provide technical experts for presentations on topics of local interest at public forums.

- Coordinate with state partners, local Citizen Advisory Committees, other Department staff, and neighboring State environmental program staff (Minnesota and Michigan) to develop and maintain geospatial databases of AOC projects.

April 1, 2016- March 31, 2017 deliverables for LAMP and AOC Policy Development – For the 1 year time period for this funding, deliverables will be reported towards the activities identified on a semi-annual basis:

- Implement delisting activities for BUIs in Wisconsin
- Adapt, develop and follow through on existing Great Lakes monitoring plans to support delisting efforts
- Assist with developing project proposals related to AOC BUI delisting activities across multiple AOC's (e.g. fish tumor BUI) by securing grant funding
- Assist partners and stakeholders with grant proposals to secure funding for BUI delisting projects including coordination with EPA GLNPO on funding needs to make progress towards BUI removal.
- Work with EPA Task Force Leaders
- Annual status reports on efforts to delist Beneficial Use Impairments
- Assist with OGL strategic planning and designing a process to update Wisconsin's Great Lakes Strategy
- Update web based media sites with current AOC and LAMP program status and GLRI project progress
- Contribute to EAGL reporting as guided by the Great Lakes QAPP and Grant Coordinator
- Provide semi-annual updates on activities for the GLNPO Capacity grant reports
- Attendance at Lake Superior Bi-National, State of Lake Michigan, and other conferences related to GLRI work activities
- Coordinate an annual meeting with EPA GLNPO and other interested federal partners on the status of progress in Wisconsin AOC's

Lake Michigan and Lake Superior LAMP Implementation

- Develop a detailed workplan that lays out a strategy for implementation of key Lake Michigan and Lake Superior Lakewide Action and Management Plan (LAMPs) priorities and projects. DNR will work with partners, other Federal and State agencies and the public in developing a detailed workplan and implement the 5-year GLRI Action Plan II effort to restore and protect the Great Lakes in Wisconsin.
- Program activities will support implementation of critical projects of the Lake Michigan and Lake Superior LAMPs as well as annual updates, workplans and planning for the 5-year LAMP report, CSMI and periodic updates. It will also support Wisconsin Great Lakes Restoration and Protection Strategy and other relevant strategic plans.
- Coordinate LAMP implementation projects with WDNR staff across all program areas, stakeholders and partner groups.
- Participate on the LAMP Partnership Management Committees and Working Groups, the Lake Michigan Monitoring Coordinating Council, the State of the Lake Michigan Conference, the Lake Michigan Working Group Habitat Subcommittee, the Wisconsin Lake Michigan Stakeholders, and interact with the Lake Michigan and Lake Superior public engagement and related public interest groups.

- Assist with the development and implementation of Lake Michigan and Lake Superior monitoring plans to be consistent with Wisconsin's overall Great Lakes monitoring plan.
- Assist and provide oversight of activities for the Cooperative Science and Monitoring Initiative (CSMI) for Lakes Superior & Michigan, Lake Michigan Monitoring Coordinating Council meetings, other LAMP monitoring activities including coordination of development and implementation of Lake monitoring plans.
- Help with the update and revision of the Lake Superior Climate Change Impacts and Adaptation Report, as well as implementation of key provisions as appropriate.
- Participate in Lake Superior Binational Program, Superior Work Group committee work including that of the habitat and chemical committees with other government agencies around the basin.
- Assist other WDNR Lake Michigan and Lake Superior staff across programs to assure consistent approaches in addressing AOC and various Great Lakes issues to provide consistency with the goals and objectives of the LAMPs.
- Work on issues relating to the Lake Michigan and Lake Superior Lakewide Biodiversity Conservation Strategies, sustainability and resiliency for project development, invasive species, drinking water source protection, reduction of nutrient and sediment to the lakes and other conservation plans.
- Broaden and expand on public outreach, formal and informal education projects and Pollution Prevention (P2) activities.
- Report out on activities for SOLEC, web based reports, LAMP annual update, five year LAMP documents, State of Lake Michigan, Lake Superior conferences and other meetings.
- Provide information as needed to support efforts related to RAP updates for Lake Michigan and Lake Superior AOCs.
- Coordinate with Lake Superior National Estuary Research Reserve (NERR).
- Continue to work with the Lake Superior LAMP partnership group to edit, finalize and produce a five-year Lake Superior LAMP document under the revised GLWQA.
- Work with and contribute to Lake Michigan LAMP partnership group to produce a five-year Lake Michigan LAMP document under the revised GLWQA; that Lake Michigan LAMP document will be completed in 2019.
- Participate in meetings for the St. Louis River, Milwaukee River and Lower Fox River Green Bay TMDLs as it relates to overall issues with nutrient loadings to Lakes Michigan & Superior.
- Work with WDNR staff to evaluate data collection efforts to ensure sufficient information is collected to support LAMP reporting (indicators). Examples include wetland restoration tracking, potential updates to land cover data for Wisconsin, and fish habitat information
- Work with WDNR staff to evaluate data collection efforts to ensure sufficient information is collected to support LAMP reporting (indicators). Examples include wetland restoration tracking, potential updates to land cover data for Wisconsin, and fish habitat information
- Work with other state and federal agencies to provide data sharing and exchange opportunities
- Provide GIS data support to Great Lakes Monitoring Coordinator, who participates in the Cooperative Science and Monitoring Initiative (CSMI) and other monitoring committees and groups
- Enhance reports, websites, data request and other communications by using geospatial data analysis in the Great Lakes watershed
- Coordinate sediment quality evaluations and data management for the Lake Michigan and Lake Superior Basins.
- Reduce human exposure to contaminants from Great Lakes fish consumption
- Reduce the release for toxic chemicals in the Great Lakes basin through education and outreach

- Identify emerging contaminants and assess impacts on Great Lakes fish and wildlife
- Sediment staff technical support to identify opportunities for remediation to restoration projects on Lake Michigan and Lake Superior. Assist in the scoping and development of appropriate sediment remediation and habitat restoration projects.

April 1, 2016- March 31, 2017 deliverables for Lake Michigan and Lake Superior LAMP Implementation –

For the 1 year time period for this funding, deliverables will be reported towards the activities identified:

- Assist and oversight of activities for the Lake Superior CSMI Field Year planning, implementation and analysis.
- Assist with the development and coordination of new projects within the Lake Michigan & Lake Superior Basin that will further the LAMP and Wisconsin's Great Lakes Strategy.
- Participation in meetings, conference calls, conferences and other resource management group meetings to benefit LAMP and Great Lakes Strategy goals.
- Summarize information with Wisconsin specific details for LAMP updates
- Assist with outreach materials published on the Office of the Great Lakes website
- Contribute to LAMP updates, fact sheets, and reports
- Annual summary of Lake Michigan and Lake Superior protection and restoration efforts
- Assist local watershed groups with project development and project proposals for funding opportunities.
- Support efforts for Lake Michigan AOCs
- Provide semi-annual updates on activities for the GLNPO Capacity grant reports
- Watershed metrics to support fact sheets for LAMPs as necessary and appropriate
- Integration of Lakes Michigan & Superior and AOC issues into the Harbors and Green Marinas Strategy
- Evaluate continued needs for the Lake Superior Zero Discharge and Broader Habitat Program in Wisconsin.
- Help to implement key provisions of the Lake Superior Aquatics Invasive Species Complete Prevention Plan.
- Contribute to 5-Year Lake Superior LAMP document that will be produced in 2016.
- Contribute to 5-Year Lake Michigan LAMP document that will be produced in 2019.

7B. Proposed Work – For the Five Wisconsin AOCs: WDNR will focus on priority activities for each AOC, RAP implementation and delisting BUIs. Wisconsin is supporting the goal of delisting the BUIs in our 5 AOCs to meet the overall GLRI Action Plan II. WDNR has completed all management actions for the Sheboygan River AOC, recently removed 2 BUI's and is conducting verification monitoring for the remaining BUI's. Management Actions for the Menominee River AOC are projected to be completed in 2016. BUI removal documents will be drafted and coordinated with GLNPO when the AOC targets have been met. This will be dependent upon successful competition for GLRI grants towards BUI delisting activities.

AOC/RAP Implementation and Delisting BUIs

Focus on the critical actions that will lead directly to the delisting of BUIs in our 5 AOCs. Key elements are the development of a delisting process for BUIs in our AOCs, development of projects focused on delisting activities, development of contaminated sediment clean-up projects, habitat restoration and protection projects, monitoring activities to track progress on our delisting targets and coordination with our partner groups to work effectively together to move the AOCs to delisting the BUIs.

Project oversight for EPA Funded AOC projects will be done by staff funded through this grant for currently funded AOC projects that will lead to delisting. Due to limitations on staff time for all of the activities identified in the narrative, not all activities will be completed in this one year time period.

Work Efforts for AOCs will include some of the following activities. Not all activities will be applicable to all AOCs:

- **Remedial Action Plan (RAP) Updates:** Develop Remedial Action Plan Updates that identify specific actions that will lead to delisting, with mechanisms for tracking and documenting progress toward delisting. Update the RAP annually or as directed by the OGL Director.
- Maintain a complete file record of all actions completed and data to support BUI delisting.
- **AOC Projects:** Identify and coordinate on projects leading to BUI removal in collaboration with local partners in the AOC. Where necessary, lead the development of metrics or thresholds to refine targets and establish a list of management actions. Work on project development and pursue grant opportunities for projects identified in the RAP Updates and to meet the Great Lakes Strategy goals and objectives. Improve the rate of initiation and completion of projects toward removing BUIs. Actively work with stakeholders and local partners in project implementation.
- Coordinate and provide oversight for the various projects across all AOCs
- Work with our Sediment staff in monitoring, analyzing data and developing projects for Legacy Act projects.
- **Stakeholder Engagement:** Coordinate local AOC stakeholder engagement activities. Coordinate technical advisory committees or groups related to BUI targets or removals. Interface with stakeholder groups (Citizens Advisory Committee or other appropriate groups, e.g., local watershed groups) to provide technical information and assistance. Work with the local stakeholder groups, CAC and partners on AOC education and outreach activities.
- **Monitoring and Data Management:** Collaborate with DNR Staff, CAC, TAC groups and Stakeholders to address local data management, selection of appropriate GIS decision support tools, and mapping needs in support of BUI removal. Develop BUI-specific projects to assess BUI status and document the outcomes of management actions. Relate state-level monitoring and data management efforts to the local level.
- Assemble relevant geospatial data including data provided via web mapping or web feature services, data exchanges, and other innovative methods for data sharing that will benefit ongoing restoration work and will be used in assessing progress made towards delisting of beneficial use impairments in AOCs, updating Watershed Fact sheets, and assessing status of the Lakes' ecosystems to support reporting in the Lakewide Action and Management Plans. These data will be assembled in a manner that facilitates reporting milestones and measures of progress and will be structured to be fully integrated with the Environmental Accomplishment in the Great Lakes reporting system (EAGL).
- Provide GIS support for the development of any decision support tools for the purpose of performing data analysis and track delisting efforts in Wisconsin's Areas of Concerns
- **Reporting:** Provide information on progress of the AOC program to our EPA grant officer in a format to facilitate entering the information into the Environmental Accomplishments in the Great Lakes reporting system (EAGL).
- Work closely with the implementation of projects funded to local stakeholders and partners.
- Work with EPA Task Force Leaders to coordinate AOC implementation.
- Contribute to the Legacy projects for contaminated sediment remediation.

- Participate in AOC TMDLs and other resource management program areas as appropriate.
- Coordinate with Great Lakes and program staff to align project priorities, timelines and funding.

April 1, 2016- March 31, 2017 deliverables for AOC – For the 1 year time period for this funding, deliverables will be reported towards the activities identified, but not all deliverables will be applicable to all AOCs:

- Attendance at AOC Conferences and meetings.
- Remedial Action Plan Updates, along with a complete file record.
- Coordinate and provide oversight for the various projects across all AOCs
- Maintain strong local partnerships and hold local meetings to coordinate and leverage funding opportunities, submit grant applications, and coordinate efforts to secure funds for AOC projects.
- RAP updates reflecting stakeholder engagement processes through technical advisory committee process.
- AOC-related monitoring efforts that align with the needs and priorities identified in the RAP Updates and employ scientifically sound methods.
- BUI specific monitoring plans towards BUI removal
- BUI target status change documentation
- AOC-related monitoring efforts are aligned with the needs and priorities identified in the RAP Updates and employ scientifically sound methods.
- New project proposals for funding opportunities
- Provide semi-annual updates on activities for the GLNPO Capacity grant reports
- Wisconsin will work towards delisting BUIs in each of our 5 AOCs to meet the overall GLRI Action Plan. This would include development of BUI removal documents, where applicable. This will be dependent upon successful competition for GLRI grants towards BUI delisting activities.
- Produce maps for AOC coordinator for meetings, publications, and planning purposes.
- Provide spatial data, spatial analysis and cartographic products to AOC, LAMP, and monitoring coordinators.
- Provide contaminated data via GIS data layers to produce maps for field work, meetings, and planning purposes for projects which are within the AOCs.
- Provide technical assistance on the viability of satellite imagery for water quality monitoring in and around waters of the AOCs
- Map and maintain spatial data of GLRI funded projects within the state
- Map and maintain spatial data of contaminated sediment sites.
- Map locations of new sediment sampling sites of contaminated sediments sites within the AOCs and other Great Lakes sites.
- Coordination on data documentation and data entry for Wisconsin's Surface Water Integrated Monitoring System (SWIMS) and GLNPO's EAGL. SWIMS is Wisconsin's repository for water and sediment monitoring data collected for Clean Water Act work and is submitted directly to the publicly-accessible STORET Data Warehouse through the federal Water Quality Exchange Network framework.

Grant Management and Reporting

- Provide technical assistance to project managers.

- Participate in necessary regional and national training, workshops, conference calls and meetings as required for maintaining the Quality Assurance Position.
- Coordinate grant opportunities for Great Lakes projects and initiatives within State agencies and partner groups.
- Track RFPs for all Federal GLRI and other grant opportunities and match with WI projects.
- Work with Federal agencies on grant requirements and reporting.
- Work with staff and partners in developing grant applications/proposals and submittals.
- Develop Scope of Work and grant agreements language and contracts for sub awards to partners, consultants, etc.
- Track grant spending
- Track, approve and insure payment of all invoicing by sub award recipients and WDNR program expenditures
- Provide training to potential grant recipients (both internal and external) on best practices for grant reporting.
- Review and match grant applications and project proposals to Federal grant sources.
- Review application for consistency with grant request for proposal (RFP) and Department policy and procedures.

April 1, 2016- March 31, 2017 deliverables for Grant Management and Reporting – For the 1 year time period for this funding, deliverables will be reported towards the activities identified:

- Communicate with PAC/CAC groups and attend meetings to provide updates on grant funding opportunities and GLRI funded project updates.
- Develop new project proposals for funding opportunities.
- Provide semi-annual updates on activities for the GLNPO Capacity grant reports

Great Lakes Communication, Information and Outreach

Great Lakes communication, information and outreach coordinated statewide related to the Great Lakes Restoration Initiative, the LAMPs and RAP/AOC programs. The outreach activities will facilitate and promote collaboration with educators and outreach specialists Great Lakes basin wide that will be focused on science based information.

- Strengthen public awareness and participation in Great Lakes restoration programs and specific local issues and projects by overseeing the development of informational and educational materials on the AOC and LAMP program and specific local issues.
- Fact sheets, brochures, and other promotional materials available through a variety of media outlets (web, press releases, State Fairs, etc.) are coordinated between OGL and the AOC Coordinators.
- Coordination with all WDNR programs (Fisheries, Forestry, Wildlife, etc.) and external partners on outreach messages on Great Lakes restoration in the State
- Update web based media sites with current AOC and LAMP program status and GLRI project progress

April 1, 2016- March 31, 2017 deliverables for AOC -- For the 1 year time period for this funding, deliverables will be reported towards the activities identified:

- Fact sheets, brochures, and other promotional materials available through a variety of media outlets (web, press releases, State Fairs, etc.)
- Series of videos and fact sheets that highlight restoration successes under GLRI
- Coordination with all WDNR programs (Fisheries, Forestry, Wildlife, etc.) and external partners on outreach messages on Great Lakes restoration in the State
- Assist with OGL strategic planning and outreach for Wisconsin's Great Lakes Strategy and LAMPs.
- Update web based media sites with current AOC and LAMP program status and GLRI project progress
- Coordination with all WDNR programs (Fisheries, Forestry, Wildlife, etc.) and external partners on outreach messages on Great Lakes restoration in the State
- Develop new outreach project proposals for funding opportunities

7C. Proposed work for Quality Assurance

- Maintain the approved Great Lakes QMP document and revise as necessary.
- Work within the Great Lakes basin on implementing a Great Lakes Quality Management Program (QMP) which is required for all GLRI funds. Primary responsibilities will be to assure development of appropriate Quality Documentation for all projects.
- Act as a liaison for Wisconsin to Federal agencies on their Great Lakes programs for matters of quality policy, particularly in the coordination of grant funds which are available to advance our efforts on restoration of the Great Lakes.
- Work during grant development and implementation to ensure that appropriate Quality Assurance is incorporated. Post grant award, identify activities that require quality documentation and work with project managers to ensure its development.
- Work with staff during project development to assure staff have an understanding of information needed for project planning documentation and supporting protocols in accordance with the QMP when developing projects.
- Review and Approve QAPPs for all Great Lakes-related projects involving data acquisition that are funded by EPA in accordance with the Quality Assurance delegation.
- Assists staff scientists and project managers in developing quality documentation and in providing answers to technical questions.
- Assists in solving QA-related problems.
- Ensures that all environmental information collection activities are covered by appropriate quality system documentation (e.g., QAPPs)
- Assists in solving QA-related problems at the lowest possible organizational level
- Development, review and approval of QA products
- Track all quality system documentation using GLNPO's QA Track Database.
- Provide reports and tracking requirements into appropriate EPA systems.

April 1, 2016- March 31, 2017 deliverables for Quality Assurance – For the 1 year time period for this funding, deliverables will be reported towards the activities identified:

- Maintain functions required by Quality Assurance delegation in accordance with the approved Quality Management Plan module for Office of the Great Lakes that includes GLRI-funded activities
- QAPPs for GLRI Funded projects
- Track QAPP monitoring and reporting for GLRI Funded projects
- Regular participation in GLNPO Quality Management Workgroup
- Quality Assurance support to WDNR staff for contaminated sediment projects within the Great Lakes basin
- Coordinate and assist in developing QAPPs for new project proposals for funding
- Advise and collaborate with partners implementing Wisconsin/Great Lakes-related projects to incorporate Quality Management and documentation is incorporated into their activities

8. Proposed work outcomes and products, expected environmental outcomes and results

The work outcomes and products are described in the deliverables identified with each of the Great Lakes program areas identified in section 7.

9. Measuring Progress

- WDNR will monitor progress through the implementation of projects awarded under GLRI.
- Each AOC/RAP Coordinator will be responsible for annual status reports on projects implemented to address beneficial use impairments and will provide an updated RAP document for their AOC. Overall AOC progress will be coordinated in the Office of the Great Lakes.
- Funded projects will be matched against the delisting plan for each AOC.
- Goals and objectives in the Wisconsin Great Lakes Restoration and Protection Strategy will be evaluated against funded project outcomes. These goals and objectives will be adjusted to reflect new priorities based on monitoring results and partner feedback.
- WDNR will work with monitoring programs and partners to adapt Great Lakes monitoring efforts that support BUI removal efforts identified in each AOC RAP Update.
- Removal of Beneficial Use Impairments will be evaluated to assure that they are long term solutions addressing the extent and sources of impairments. Projects that address specific sources of impairments will use quantitative tracking methods (amount of sediment remediated, amount and type of habitat restored, miles of fish passage opened, etc.) with a long term goal of monitoring and tracking restored beneficial uses. The goal will be to work towards removal of BUIs in Wisconsin's AOCs to meet the overall GLRI Action Plan objectives. This will be dependent on successful competition for BUI removal projects and science-based monitoring data.
- Number of outreach events where Great Lakes issues are presented. Number and type of outreach materials developed and used at these events. Estimated number of people reached through these efforts. Effectiveness of outreach efforts will be evaluated.
- Improved internal data management for contaminated sediment, wildlife contaminant, and data management systems that facilitates tracking restoration efforts and data sharing.

10. Project Milestones

The project milestones for the 1 year timeline, April 1, 2016- March 31, 2017, for this Grant are discussed in the narrative above.

11. Project Budget

The GLRI State Capacity Grant formula for Wisconsin for April 1, 2016- March 31, 2017:

QA = [REDACTED]*

AOC = \$500,000

LAMP = \$510,000

AOC Funding = \$100,000

AOC Monitoring = \$100,000

Annual Base = [REDACTED]

Annual total grant = \$1,410,000**

*Requesting full funding for the QA position which is currently at [REDACTED]

**These totals are what are provided in the GLRI State Capacity Grant formula provided by EPA on February 10, 2016. All of the funds will be for staff salary, [REDACTED] fringe, supplies, travel, other and [REDACTED] indirect as outlined in the budget table.

Budget Table

Budget Detail	Year	
	April 1, 2016- March 31, 2017	
Personnel	\$	[REDACTED]
Fringe [REDACTED]	\$	[REDACTED]
Supplies	\$	5,625
Travel	\$	61,250
Other	\$	25,875
Contractual	\$	180,000
Total Direct	\$	[REDACTED]
Indirect [REDACTED]	\$	[REDACTED]
Total Project Costs	\$	1,376,015